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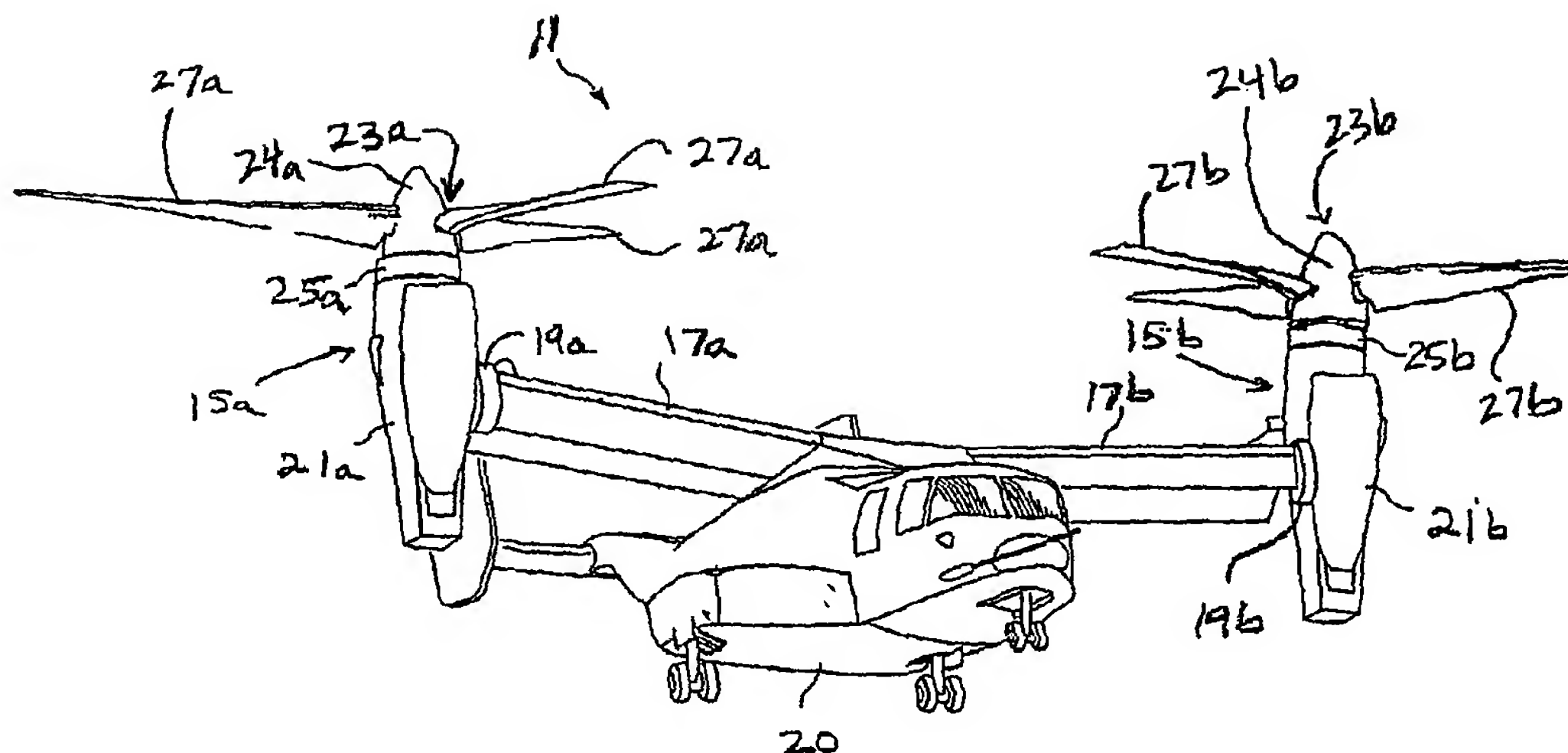
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(54) Title: METHOD FOR MANUFACTURING INTERCHANGEABLE AND REPLACEABLE PARTS



(57) Abstract: A manufacturing method and apparatus is disclosed, whereby a specific production process is used in conjunction with a specific tooling methodology to provide a tooling process package that is capable of controlling tolerance stack-ups and process variations by accounting for them at each step in the process. One application particularly suited for the present invention is in the manufacturing of panels that are assembled to form the skins of a tiltrotor aircraft (11).

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